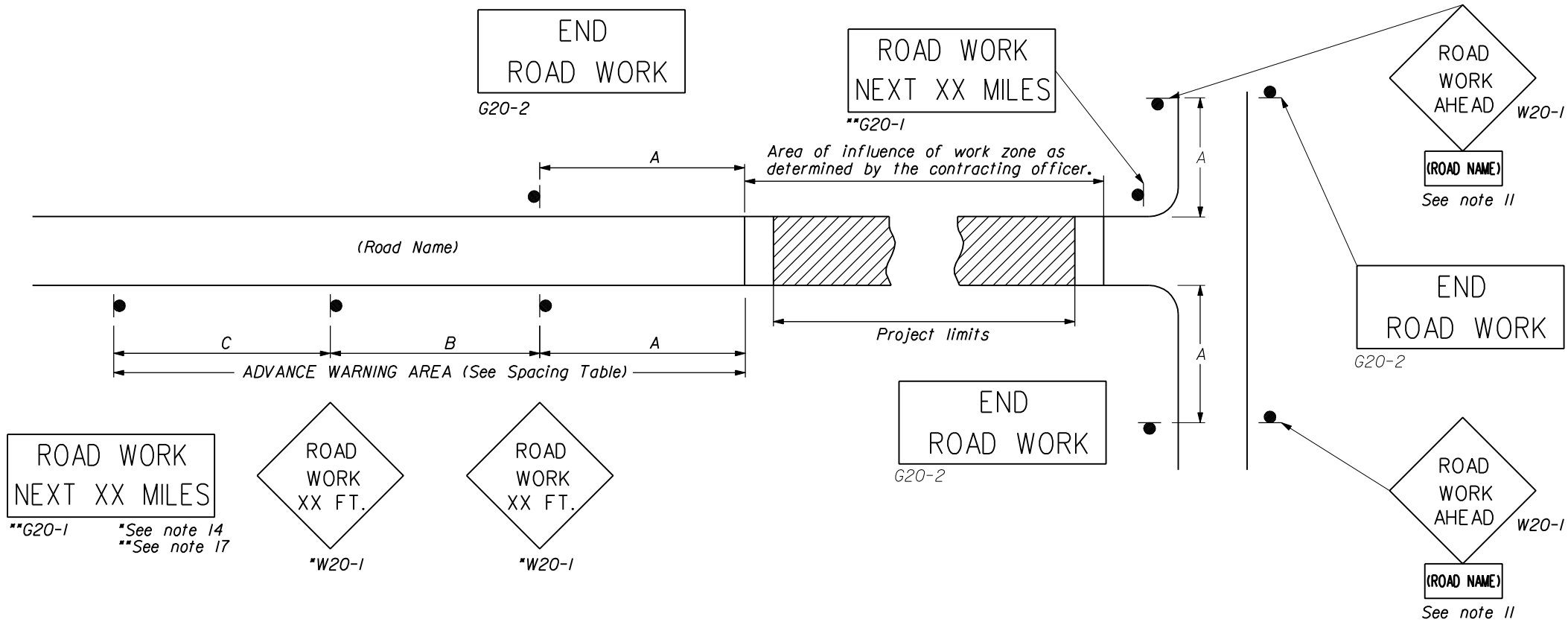


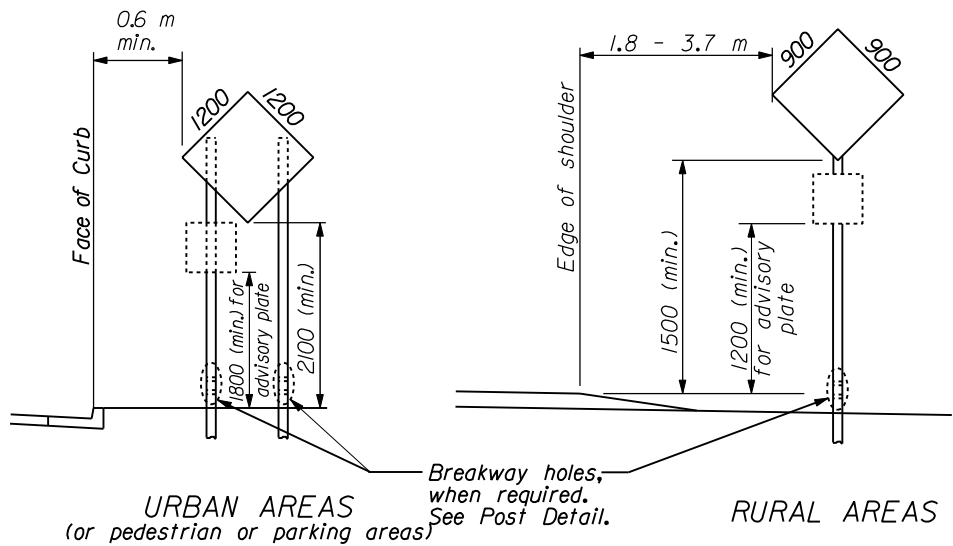
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS



NOTE:

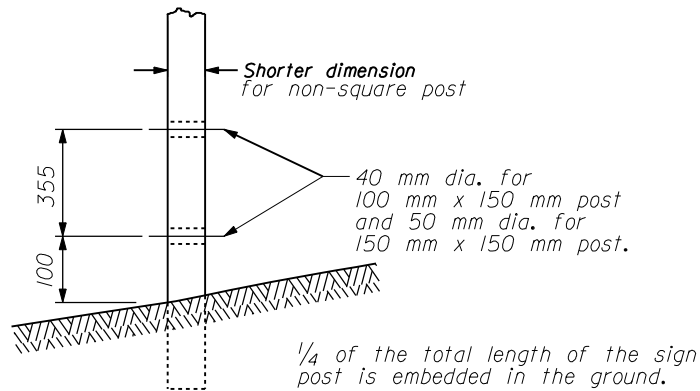
1. Erect all advance warning signs before construction work is started.
2. Where advance warning signs, placed as shown, interfere with permanent signs, locate the warning signs as determined by the CO for best results. Vary messages as required.
3. Use Type III or higher type sheeting on all signs and channelizing devices. Warning lights are not normally needed on devices with Type III or higher type sheeting, but may be beneficial to attract the drivers attention in fog or other special conditions. When used, apply the appropriate type of warning light (Type A, B, C, or D) per the MUTCD Section 6F.
4. When established in the contract, furnish beacons with the appropriate lens color as specified in the MUTCD Section 4K.
5. Additional or different message signs may be required to fit the actual construction conditions.
6. Install advisory speed plates under the W-20 series warning signs as needed to indicate a maximum recommended speed through the construction area.
7. Ensure all wooden sign posts larger than 100 mm x 100 mm have breakaway holes as shown.
8. Ensure all sign supports exposed to impact by traffic meet the requirements of NCHRP-350 for crash worthiness.
9. Maintain two-way traffic during all non-work hours except as approved by the CO.
10. Do not store traffic control devices along the roadway when not in use. Cover post-mounted signs when not applicable.
11. If W20-1 is on a roadway other than that on which the actual construction work occurs, include a supplementary plaque indicating the name of the road the work is on.
12. If signing on a roadway under a jurisdiction other than the client agency, verify that an encroachment permit has been obtained.
13. Not all details shown on the temporary traffic control sheets may be applicable to this project. The Contractor may add or delete information and details in his traffic control plan as necessary to accommodate actual operations.
14. The message on the W20-1 signs may be "ROAD WORK AHEAD" or may specify the distance to the work area in feet or in miles. Install at least two W20-1 signs in series for each main approach road.
15. When flagger warning sign series extend into project advance warning area, the second and third signs in the flagger series may be placed over the second and third signs in project advance warning series.
16. State standards may be used as an alternative if approved by the CO.
17. For work zones that are more than 3 km in length, install G20-1 sign. Show the distance on the G20-1 sign to the nearest whole mile. For work zones 3 km or less in length, install a W20-1 sign in place of the G20-1.
18. If signs will be in place more than 72 consecutive hours, use ground-mounted post as shown.
19. Dimensions not labeled are in millimeters.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN METERS		
	A	B	C
Urban 65 km/h and less (≤ 45 mph)	30	30	30
Urban 70 km/h and greater (> 45 mph)	100	100	100
Rural	150	150	150
Expressway/Freeway	300	450	800

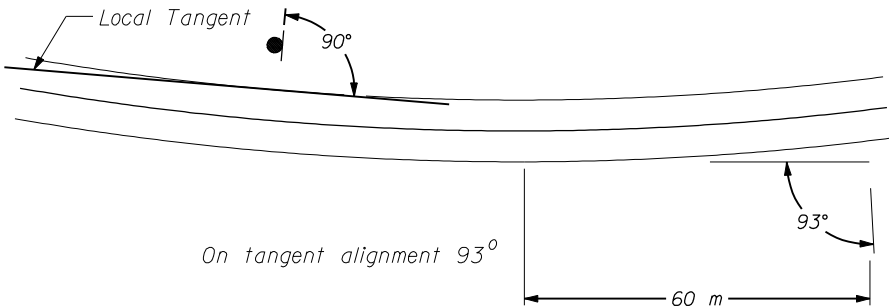


Signs 0.9 m² and under may be mounted on a single 100 mm x 100 mm wooden post. Signs wider than 920 mm or signs with an area over 0.9 m², use double wooden posts. Steel may be used in lieu of wooden posts (see note *8)

SIGN PLACEMENT



POST DETAILS



SIGN INSTALLATION ANGLE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
METRIC DETAIL TEMPORARY TRAFFIC CONTROL ADVANCE SIGNING	
DETAIL APPROVED FOR USE 05/2003 REVISED: 06/2004	DETAIL CM635-01